

EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV GL SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:**That the Emergency escape breathing devices (EEBD)**

with type designation(s)

70321 - Emergency Evacuation Breathing Device "ESCAPE -15", SOLAS/MED

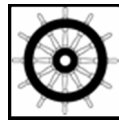
Issued to

Lalizas Hellas S.A.
Piraeus, Greece

is found to comply with the requirements in the following Regulations/Standards:

Regulation **(EU) 2017/306,****item No. MED/3.41. SOLAS 74 as amended, Regulation II-2/13, FSS Code 3 and IMO
MSC/Circ. 849**

Further details of the equipment and conditions for certification are given overleaf.

This Certificate is valid until **2023-01-30.**Issued at **Hamburg** on **2018-01-31**DNV GL local station:
Piraeusfor **DNV GL SE**Approval Engineer:
Timo LinnNotified Body
No.: **0098****Sven Dudszus**
Head of Notified Body

The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU. This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL SE of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled. Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.



Job Id: **344.1-007588-1**
Certificate No: **MEDB00003DS**

Product description

The "70321 - Emergency Evacuation Breathing Device 'ESCAPE -15'" is an open-circuit compressed air emergency escape breathing device incorporating a hood for escape.

Rated working duration: 15 minutes

Rated working pressure: 200 bar.

The principle components are as follows:

- Compressed air cylinder, 3L, of steel
- Regulator reducer and pressure gauge assembly
- hood/ mask/breathing hose assembly,
- carrying satchel with harness strap.

Application/Limitation

This certificate replaces the previous MED-B 59815-13 HH.

Approved to provide personnel breathing protection during escape from a compartment that has a hazardous atmosphere. Not to be used for fire fighting or when entering oxygen deficient tanks or voids, or worn by fire fighters.

Each product is to be supplied with its manual for use and maintenance.

Type Examination documentation

Test Report No.2012078 dated 2012-09-24 issued by the Wuhan Testing Center of Marine Life-saving Appliances, China.

Tests carried out

Tested according to ISO 23269-1:2008 and EN 1146:2005.

Marking of product

The product is to be marked according to IMO FSS Code Ch.3.2.2.4, ISO 23269-1:2008 Ch. 9, EN 1146:2005 Ch.8 and with name and address of manufacturer, type designation, fire technical rating and the MED Mark of Conformity (see first page).

In addition each EEBD should be marked with "FOR ESCAPE ONLY".

End of certificate.